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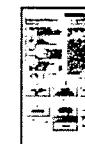
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View: Jump to: [Top](#)Go to: [Derwent](#)[Email](#)**Title:** RU2158610C2: METHOD AND APPARATUS FOR REGULATING AND CONTROLLING OF OXYGEN CONCENTRATION

Derwent Title: Control and monitoring of oxygen concentration for production of hypoxic gaseous mixtures by separating compressed air into parallel oxygen depleted and enriched flows and using constant and variable pneumatic resistances
[\[Derwent Record\]](#)

Country: RU Russian Federation**Kind:** C2 Patent (Second Publication)**Inventor:** BASOVICH O.S.;
BASOVICH S.N.;
SHEDIN O.I.;**Assignee:** NAUCHNO-TEKHNICHESKOE OB"EDINENIE "BIO-NOVA"
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 2000-11-10 / 1998-12-15**Application Number:** RU1998000122680**IPC Code:** A61M 16/00;**ECLA Code:** None**Priority Number:** 1998-12-15 RU1998000122680

Abstract: medical equipment. SUBSTANCE: method involves setting air pressure at output; initially dividing output flow into two subflows, then uniting these subflows, with pneumatic resistance at path of one subflow being maintained at constant level; regulating pneumatic resistance at path of other subflow till united flow has fixed value. Apparatus has membrane-type module and pneumatic line connected to membrane-type module output. Pneumatic line has pneumatic resistor. Flow rate meter is positioned in series with pneumatic line. Apparatus and method may be used for regulating and controlling of oxygen concentration in the process of producing hypoxicidic gas mixtures by means of semipermeable membranes. EFFECT: enhanced reliability in operation and improved control of oxygen concentration in produced gas mixture. 8 cl, 6 dwg

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Family:

| PDF | Publication | Pub. Date | Filed | Title |
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|-------------------------------------|-------------|------------|------------|--|
| <input checked="" type="checkbox"/> | WO0035526A1 | 2000-06-22 | 1999-11-04 | METHOD FOR CONTROLLING AND MC OXYGEN CONCENTRATION AND DEVI REALISING THE SAME |
| <input checked="" type="checkbox"/> | RU2158610C2 | 2000-11-10 | 1998-12-15 | METHOD AND APPARATUS FOR REGI AND CONTROLLING OF OXYGEN CONCENTRATION |
| <input checked="" type="checkbox"/> | AU0013010A5 | 2000-07-03 | 1999-11-04 | METHOD FOR CONTROLLING AND MC OXYGEN CONCENTRATION AND DEVI REALISING THE SAME |

3 family members shown above

 Other Abstract

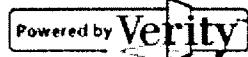
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